Docket Number: GMV-005.01

As a below named incentor, I hereby declare that:

My residence, post of address and crizenship are as stated below next to my name.

I believe I am the original, first and the subject matter which is claimed	I sole inventor (if only one name is and for which a patent is sought o	listed below) or an original, f	first and joint inventor (if pl	lural names are listed	d below) of
AMMONIUM	SALTS OF HEMOGLOBI	N ALLOSTERIC EFFE	ECTORS, AND USES	THEREOF	
the specification of which (check o	ne)				
☐ is attached ☑ was filed o	hereto. on Date <u>August 1, 2001</u> as United St	ates Application Number <u>09/</u>	920.310, and was amended	on Date (if applie	cable).
I hereby state that I have reviewed referred to above.					
I acknowledge the duty to disclose	information, which is material to pa	atentability as defined in Title	e 37, Code of Federal Regul	lation, § 1.56.	
I hereby claim foreign priority bene below and have also identified belo priority is claimed.	rits under Title 35, United States C w any foreign application for paten	ode, § 119(a)-(d) of any forei t or inventor's certificate havi	ign application(s) for patenting a filing date before that	t or inventor's certifi of the application or	cate listed n which
Prior Foreign Application(s)				Priority (	Claimed
				☐ Yes	□No
(Number)	(Country)	(Day/Month/Year File	ed)	_	_
(Number)	(Country)	(Day/Month/Year File	ed)	☐ Yes	□ No
I hereby claim the benefit under Tit	• • •			laur	
60/222,066	August 1, 2000	of any clinica states frovisio	onal application(s) listed be	low.	
(Application Number)	(Filing Date)	-			
(Application Number)	(Filing Date)				
(Application Number)	(Filing Date			nted, pending, abando	oned)
(Application Number)	(Filing Date	)	(Status: pater	nted, pending, abando	oned)
hereby appoint Beth E. Amold, Re 46.663; William D. DeVaul Reg. No Gordon, Reg. No. 44,719; Robert A. Jane, Reg. No. 39,261; W. Hugo Li 89,329; Philip C. Swain, Reg. No. 3, Reg. No. 47,172; and John L. Welc Frademark Office connected therew	Greenberg, Reg. No. 44,133; Jenn epmann, Reg. No. 20,407; Jim Ole 2,376; Kingsley L. Taft, Reg. No. 4 1, Reg. No. 28,129 as attorneys/age	o. P-48,584; Robert W. Gauth ifer K. Holmes, Reg. No 46,7 sen, Reg. No. 46,967; Kevin . 43,946; John Ouisel, Reg. No	nier, Reg. No. 35,153; Jasor 78; Scott E. Kamholz, Reg A. Oliver, Reg. No. 42,049 . 47,874; Anita Varma, Res	n Gish, Reg. No. 42, 3. No. P- 48,543; Di 5. Chinh H. Pham, Reg. No. 43,221; Share	581; Dana avid A. eg. No.
Address all telephone calls to Dana	M. Gordon at telephone number (61	7) \$32-1000.			
Address all correspondence to:	Customer Id No: 25181				
	Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170				
hereby declare that all statements in nd further that these statements wereoth, under Section 1001 of Title 18 atent issued thereon.	nade herein of my own knowledge a e made with the knowledge that will of the United States Code and that	Iful false statements and the l	like so made are punishable	by fine or imprisor	ment or
ull name of sole or first inventor (g		ide Nicolau			
	enac, Newton, up c.	2459 tisa	Date: _ 2/13/00		
ost Office Address: same	The state of the s		Citizenship: <u>France</u>		

Full name of second joint inventor (given name, ranily name): Jaime E. Lazarte		
Inventor's signature:	Date:	
Residence: 127 Booth Street, Needham, MA 02494	Citizenship: U.S.	<del> </del>
Post Office Address: same		
E II		
Full name of third joint inventor (given name, family name): Dennis R. Alford		
inventor's signature:	Date:	_
Residence: 100 Ocean view Drive - #500, Dorchester, MA 02125	Citizenship: U.S.	
Post Office Address: same		
Full name of fourth joint inventor (given name, family name):		
Inventor's signature:	Date:	
Residence.	Citizenshin:	
Post Office Address:		
Full name of fifth joint inventor (given name, family name):		
Inventor's signature:		
Residence:	Date:	
Post Office Address:	Citizenship:	

CLARATION FOR PATENT APPLICATION

Docket Number: GMV-005.01

As a below named invertion, I hereby declare that:

My residence, post office address and citizenship are a

iviy residence, post office address.	and chizenship are as stated belov	r next to my name.			
I believe I am the original, first and the subject matter which is claimed	d sole inventor (if only one name d and for which a patent is sought	is listed below) or an original, first and on the invention entitled:	joint inventor (if plural na	mes are liste	d below) o
AMMONIUM	I SALTS OF HEMOGLOB	BIN ALLOSTERIC EFFECTO	RS, AND USES THEI	REOF	
the specification of which (check o					
☐ is attached ☑ was filed (		States Application Number <u>09/920,310</u>	), and was amended on Date	e (if appl	icable).
		e above identified specification, includi			
I acknowledge the duty to disclose	information, which is material to	patentability as defined in Title 37, Co-	de of Federal Regulation, §	1.56.	
I hereby claim foreign priority ben- below and have also identified belo priority is claimed.	efits under Title 35, United States ow any foreign application for pate	Code, § 119(a)-(d) of any foreign applent or inventor's certificate having a fili	ication(s) for patent or inveing date before that of the a	entor's certif application o	icate listed on which
Prior Foreign Application(s)				Priority	Claimed
(Number)	(Country)	(Day Month West Tile 4)	····	☐ Yes	☐ No
(1.4.11.00)	(Country)	(Day/Month/Year Filed)			<b></b>
(Number)	(Country)	(Day/Month/Year Filed)		☐ Yes	□ No
I hereby claim the benefit under Tit	tle 35, United States Code, § 119(	e) of any United States Provisional app	olication(s) listed below.		
60/222.066	August 1, 2000				
(Application Number)	(Filing Date)				
•					
of the claims of this application is n Code, § 112, I acknowledge the dut	ot disclosed in the prior United St y to disclose information which is	of any United States application(s) liste tates application in the manner provided s material to patentability as defined in on and the national or PCT internationa	d by the first paragraph of Title 37. Code of Federal R	Title 35, Un	ited States
I hereby claim the benefit under Tit of the claims of this application is n Code, § 112, I acknowledge the dut	le 35, United States Code, § 120 coordinated States Code, § 120 coordinated States of the States of	tates application in the manner provided material to patentability as defined in and the national or PCT internationa	d by the first paragraph of Title 37. Code of Federal R	Fitle 35, Un Regulations, ion.	ited States § 1.56
I hereby claim the benefit under Tit of the claims of this application is n Code, § 112, I acknowledge the dut which became available between the	tle 35, United States Code, § 120 coot disclosed in the prior United Stay to disclose information which is e filing date of the prior application	tates application in the manner provided in material to patentability as defined in on and the national or PCT internationa ate)	d by the first paragraph of Title 37. Code of Federal R I filing date of this applicat (Status: patented, per	Title 35, Un Regulations, ion. nding, aband	§ 1.56
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I hereby claim the benefit under Titof the claims of this application is not code, § 112, I acknowledge the dut which became available between the (Application Number)	cle 35, United States Code, § 120 count disclosed in the prior United State to disclose information which is the effling date of the prior application (Filing Dates, No. 35,430; Isabelle Clauss, Roo. 42483; Daniel P. Gaudet, Reg. 10. Greenberg, Reg. No. 44,133; Jensepmann, Reg. No. 20,407; Jim O 2,376; Kingsley L. Taft, Reg. No. 1, Reg. No. 28,129 as attorneys agont.	ates application in the manner provided a material to patentability as defined in on and the national or PCT international ate)  ate)  ate)  ate)  ate)  ate)  ate)  Ate, And Andrew And	d by the first paragraph of Title 37. Code of Federal R I filing date of this applicat (Status: patented, per (Status: patented, per No. 42,461; Stephen B. D g. No. 35,153; Jason Gish, Dett. E. Kamholz, Reg. No. 42,049; Chinh L. Anita Varma, Reg. No. 4	Title 35, Un Regulations, ion. ading, aband eutsch, Reg Reg. No. 42 - 48,543; D H. Pham, R	oned)  No. ,581; Dana eg. No. eg. Wo.
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I hereby claim the benefit under Tit of the claims of this application is in Code, § 112, I acknowledge the dut which became available between the (Application Number)  (Applic	cle 35, United States Code, § 120 cle 35, United States Code, § 120 cle 35, United States Code, § 120 cle 36, States of the prior united States of the prior application (Filing Dawers, No. 35,430; Isabelle Clauss, Rep. 42483; Daniel P. Gaudet, Reg. 3. Greenberg, Reg. No. 44,133; Jenepmann, Reg. No. 20,407; Jim O 2,376; Kingsley L. Taft, Reg. No. 18, Reg. No. 28,129 as attorneys agoth.  M. Gordon at telephone number (Customer Id No: 25181  Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170  made herein of my own knowledge that we of the United States Code and that given name, family name): Yves Cl	tates application in the manner provided a material to patentability as defined in on and the national or PCT international ate)  atel  ate)  ate) ate)	d by the first paragraph of Title 37. Code of Federal R I filing date of this applicat (Status: patented, per (Status: patented, per No. 42,461; Stephen B. D g. No. 35,153; Jason Gish, but E. Kamholz, Reg. No. Per, Reg. No. 42,049; Chinh R Anita Varma, Reg. No. 4 to transact all business in the on information and belief a made are punishable by fine pardize the validity of the a	Title 35, Un Regulations, ion.  Inding, aband eutsch, Reg Reg. No. 42 - 48,543; DH. Pham, R 3,221; Share Patent an ere believed a or impriso application of application of the state of the	oned)  oned)  No581; Dana avid A. eg. No. on Webb, d
I hereby claim the benefit under Titof the claims of this application is in Code, § 112, I acknowledge the dut which became available between the (Application Number)  (Applica	cle 35, United States Code, § 120 cle 35, United States Code, § 120 cle 35, United States Code, § 120 cle 36, States of the prior united States of the prior application (Filing Dawers, No. 35,430: Isabelle Clauss, Rep. 42483; Daniel P. Gaudet, Reg. 3. Greenberg, Reg. No. 44,133; Jenepmann, Reg. No. 20,407; Jim O 2,376; Kingsley L. Taft, Reg. No. 18, Reg. No. 28,129 as attorneys agoth.  M. Gordon at telephone number (Customer Id No: 25181  Patent Group Foley Hoag & Eliot LLP One Post Office Square Boston, MA. 02109-2170  made herein of my own knowledge that we of the United States Code and that iven name, family name): Yves Cl	tates application in the manner provided a material to patentability as defined in on and the national or PCT international ate)  atel  at	d by the first paragraph of Title 37. Code of Federal R I filing date of this applicat  (Status: patented, per (Status: patented, per No. 42.461; Stephen B. D g. No. 35,153; Jason Gish, but E. Kamholz, Reg. No. Per, Reg. No. 42,049; Chinh I: Anita Varma, Reg. No. 4 to transact all business in the on information and belief a made are punishable by find	Title 35, Un Regulations, ion.  Inding, aband ading, aband eutsch, Reg Reg. No. 42 - 48,543; DH. Pham, R 3,221; Share Patent and the properties of impriso application of the properties of the	oned)  oned)  No581; Dana avid A. eg. No. on Webb, d

Additional inventors are being named separately numbered sheets attached hereto.

Full name of second joint inventor (given name, pully name): Jaime E. Lazarte Liventor's signature:		
Inventor's signature:	Date: 03-07-02	
Residence: 127 Booth Street, Needham, MA 02494	Citizenship: U.S.	
Post Office Address: same	endenship. O.S.	
Full name of third joint inventor (given name, family name): Dennis R. Alford		
Inventor's signature:	Date	
Residence: 100 Ocean View Drive - #506, Dorchester, MA 02125	Citizenship: <u>U.S.</u>	
Post Office Address: same		
Full name of fourth joint inventor (given name, family name):	Date:	
Full name of fifth joint inventor (given name, family name):		
Inventor's signature:	Date:	
Kestucitee.	Citizenship:	
Post Office Address:	•	

## DECLARATION FOR PATENT APPLICATION

Docket Number : GMV-005.01

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AMMONIUM	SALTS OF HEMOGLOBI	IN ALLOSTERIC EFFECTORS, AND USES THEREOF	•
the specification of which (check or	ne)		
☐ is attached ☑ was filed o		States Application Number <u>09/920,310</u> , and was amended on Date (if	applicable).
I hereby state that I have reviewed a referred to above.	and understand the contents of the	e above identified specification, including the claims, as amended by any	amendment
I acknowledge the duty to disclose i	information, which is material to p	patentability as defined in Title 37, Code of Federal Regulation, § 1.56.	
I hereby claim foreign priority bene below and have also identified belo- priority is claimed.	fits under Title 35, United States ( w any foreign application for pate	Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's ent or inventor's certificate having a filing date before that of the application	certificate listed tion on which
Prior Foreign Application(s)		Pr	iority Claimed
		<del></del>	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	v 🗀 N.
(Number)	(Country)	(Day/Month/Year Filed)	Yes 🗌 No
I hereby claim the benefit under Tit	le 35, United States Code, § 119(c	e) of any United States Provisional application(s) listed below.	
60/222,066	August 1, 2000	_	
(Application Number)	(Filing Date)		
(Application Number)	(Filing Date)	_	
I hereby claim the benefit under Titl of the claims of this application is n Code, § 112, I acknowledge the dut	le 35, United States Code, § 120 coot disclosed in the prior United States to disclose information which is	of any United States application(s) listed below and, insofar as the subjetates application in the manner provided by the first paragraph of Title 3 material to patentability as defined in Title 37, Code of Federal Regula	5. United States
I hereby claim the benefit under Titl of the claims of this application is n Code, § 112, I acknowledge the duty	le 35, United States Code, § 120 coot disclosed in the prior United States to disclose information which is	tates application in the manner provided by the first paragraph of Title 3 smaterial to patentability as defined in Title 37, Code of Federal Regula on and the national or PCT international filing date of this application.	5, United States tions, § 1.56
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I hereby claim the benefit under Titl of the claims of this application is no Code, § 112, I acknowledge the duty which became available between the  (Application Number)  (Application Number)  I hereby appoint Beth E. Arnold, Red 46.663; William D. DeVaul Reg. No Gordon, Reg. No. 44,719; Robert A Lane, Reg. No. 39,261; W. Hugo Li 39,329; Philip C. Swain, Reg. No. 3 Reg. No. 47,172; and John L. Welc Trademark Office connected therew	le 35, United States Code, § 120 coot disclosed in the prior United State to disclose information which is the filing date of the prior application (Filing Dates, No. 35,430; Isabelle Clauss, Ro. 42483; Daniel P. Gaudet, Reg. Co. 42483; Daniel P. Gaudet, Reg. No. 20,407; Jim O 2,376; Kingsley L. Taft, Reg. No. 48, Reg. No. 28,129 as attorneys a pith.	tates application in the manner provided by the first paragraph of Title 3 smaterial to patentability as defined in Title 37, Code of Federal Regula on and the national or PCT international filing date of this application.  (Status: patented, pending, ate)  (Status: patented, pending, reg. No. 47,326; Kirk A. Damman, Reg. No. 42,461; Stephen B. Deutsel No. P-48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. P-48,584; Robert W. Gauthier, Reg. No. 35,153; Jason Gish, Reg. No. 16,967; Kevin A. Oliver, Reg. No. 42,049; Chinh H. Pho. 43,946; John Quisel, Reg. No. 47,874; Anita Varma, Reg. No. 43,221 agents to prosecute this application and to transact all business in the Pat	abandoned)
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Marile of second joint inventor (given fiame, is, my fiame). Jaime E. Lazarte	
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Residence: 127 Booth Street, Needham, MA 02494	Citizenship U.S.
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2